"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

ARSHAVSKIY, V.Z.; TZYAN SHAO-TSZYA [Chiang Shao-chia]; FRADINA, M.G.; GUNIN, I.V.; SAPRYGIN, Kh.M.

Knurling of blooming mill rolls and its influence on the quality of the rails. Met. i gornorud. prom. no.4:43-44 Jl-Ag '64. (MIRA 18:7)

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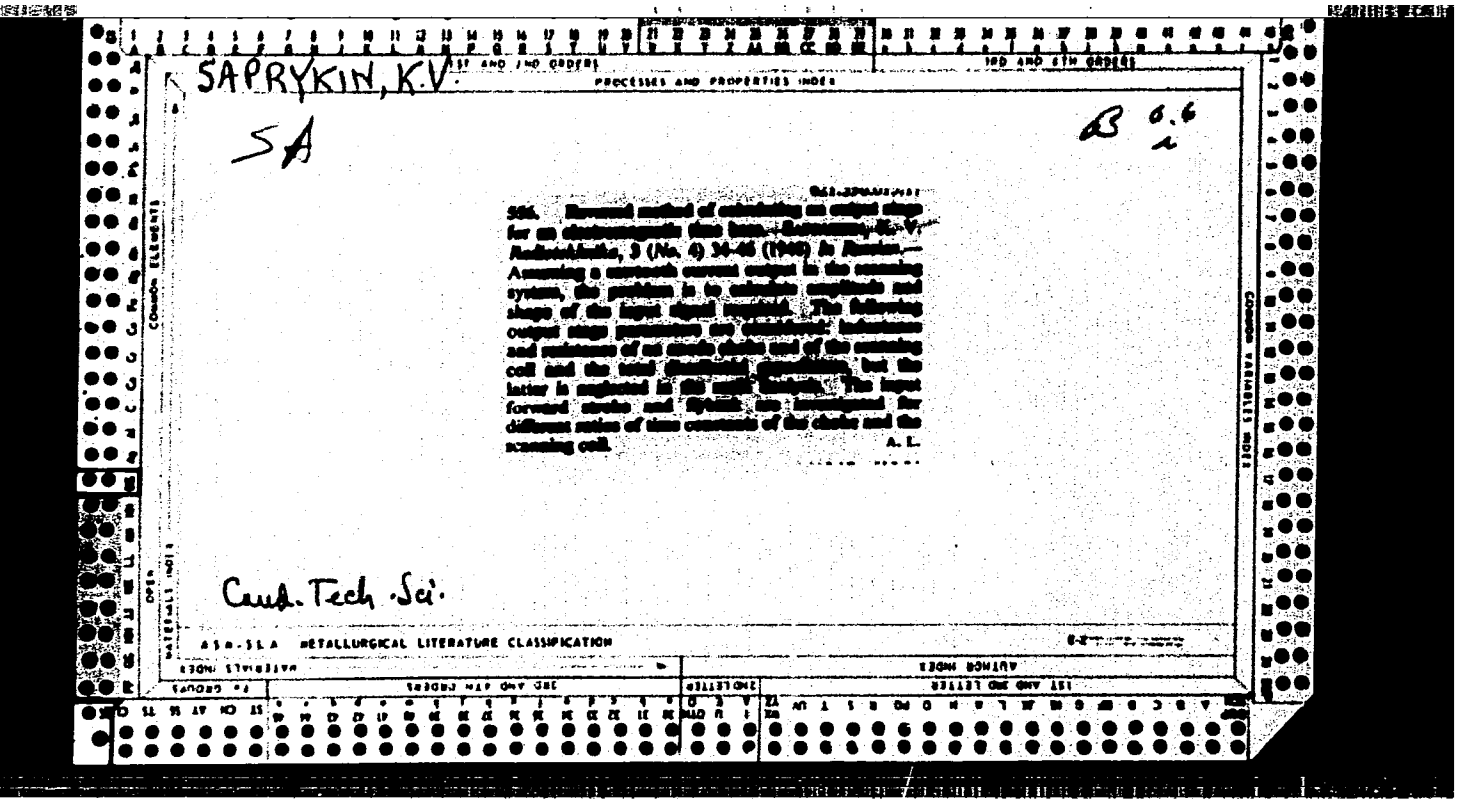

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SOV/146-1-1-3/22

AUTHOR: Zilitinkevich, S.I., Doctor of Technical Sciences, Professor; Saprykin, K.V., Candidate of Technical Sciences, Docent

TITLE: A Television Device for Checking the Lateral Dimensions of Stretched Material (Televizionnyy pribor dlya kontrolya poperechnykh razmerov protyagivayemogo materiala)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy - Priborostroyeniye, 1958, Nr 1, pp 18-22 (USSR)

ABSTRACT: Since measuring instruments that constantly check the cross section dimensions of a drawn or spun material are of great interest for those sections of industry producing wire and thread, a new measuring method has been devised. For differentiating between 2 groups of materials to be processed, i.e. between the group of conductive materials such as wire and metals, which can be checked by a gliding contact, and the group of non-conductive materials such as silk, paper and

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A Television Device for Checking the Lateral Dimensions of Stretched Material

similar substances, where checking is not possible with a gliding contact, a photo-electronic method of measuring has been developed. This method, called the television method, here allows very precise measurements of the cross section. The following main factors underlie the television instrument: The drawn fiber is projected onto the photocathode of the television transmission tube; on the anode of the transmission tube a photo-electronic image is formed, which may be enlarged to any size by means of the lens system and the electronic scale multiplication of the unit. A square signal develops across the load resistance whose width is proportional to the width of the projected object and can be enlarged to the required size by the optical electronic systems. The signal goes from the load resistance to the amplifier and then to the modulating electrode of the picture tube. When the electronic beam of the receiving tube is modulated by this signal a single modulated line becomes visible on its screen.

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A Television Device for Checking the Lateral Dimensions of Stretched Material

Measuring a specific segment, i.e. the length of the pulse, is helped by markers. The paper then describes a measuring method whereby precision is increased in practice rather than reduced. One of the main advantages of this method is the fact that variations in the projected object have no effect on the precision of the measurements. The paper also contains the technical functions of the instrument, and the formula for evaluating visual observation of the section of tested material. Measures are also indicated here for determining the velocity of the flow of material through the television set. Also various methods are mentioned for removing measuring errors. When the diameter is around 30 microns or less, the instrument's work is limited by its lens and not by its electronic system: The use of ultra-violet light can also increase the technical possibilities of the optical system and the precision limits. Finally, the paper discusses the control of the draw-through mechanism for

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A Television Device for Checking the Lateral Dimensions of Stretched Material

SOV/146-1-1-3/22

the material. There are 6 diagrams, 1 schematic diagram, 1 figure and 3 Soviet references.

ASSOCIATION: Leningradskiy institut tochnoy mekhaniki i optiki (Leningrad Institute of Fine Mechanics and Optics)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, K.V.

Spiral scanning. Tekh.kino i telev. 4 no.6:60-64 Je '60.
(MIRA 13:7)
(Television--Receivers and reception)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

26536
S/187/61/000/009/001/002
D035/D112

9,4150

AUTHOR: Saprykin, K.V.

TITLE: Spiral scanning with constant speed

PERIODICAL: Tekhnika kino i televideniya, no. 9, 1961, 46-50

TEXT: The author determines the conditions for the formation of a spiral raster with a constant pitch and a constant line speed of the commutating electron beam. He based his calculations on the Archimedean spiral and came to the conclusion that there can be no constant line speed at a constant circular frequency. During his calculations he excluded the first few windings of the spiral. The conducted investigations have shown the following: 1) When producing a spiral scan with a constant speed and a constant pitch, the frequency of the harmonic oscillations should change in accordance with the hyperbolic law, and the amplitude of these oscillations in accordance with the parabolic law. This is shown by the equations (16) and (24):

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Spiral scanning with constant speed

$$\omega = \frac{\varphi_z^2 + \varphi_n^2}{2T(1-\eta)\sqrt{(\varphi_z^2 - \varphi_n^2)\tau + \varphi_n^2}} \qquad (16)$$

and

$$\omega = \frac{\pi z}{T(1-\eta)} \cdot \left(\frac{1 + z_0^2}{\sqrt{(1-z_0^2)\tau + z_0^2}} \right) \qquad (24)$$

where ω - circular frequency
z - number of windings in a spiral raster
φ - phase angle of the moving point

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Spiral scanning with constant speed

n - subscript designating the first few windings that were excluded from the calculations

T - frame period

η - frame flyback duration

τ - [Abstracter's note: probably time constant]

$$z_0 = \frac{z_n}{z} < 1.$$

2) It is practically impossible to obtain scanning of a constant speed and pitch from the beginning of the spiral's first winding to the end of its last one, because for this an infinitely large frequency deviation is required. 3) The larger the initial value of z_0, i.e. the larger the blind spot in the raster's center, the lower the frequency deviation. 4) At low values of z_0 it is impossible to obtain a spiral scan with a constant speed and pitch in a system with electromagnetic beam deflection. This conclusion

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

Spiral scanning with constant speed

can be explained by the fact that at low z_0 values a wide range of basic frequency changes is required; as the impedance of the deflection system is fairly high, the magnitude of the electron beam deflection is evidently to a great extent dependent on the frequency range. The author also determines the limiting values of the circular frequency, develops equations for design calculations for engineers, when R (the final radius of the spiral), z, T, η and z_n are known, and furnishes a numerical example. There are 2 figures, 1 table, and 4 Soviet references.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, K.V.

Conditions for obtaining images with an equal clarity for spiral and line scanning. Radiotekhnika 16 no.7:46-51 Jl '61. (MIRA 14:7)

1. Deystvitel'nyy chlen Nauchno-tekhnicheskogo obshchestva radiotekhniki i elektrosvyazi im. A.S.Popova.
(Television)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

POLONIK, Vladimir Stepanovich; SAPRYKIN, K.V., retsenzent; SOKOLOV, V.I., red.; SOBOLEVA, Ye.M., tekhn. red.

[Applied television] Prikladnoe televidenie. Moskva, Gosenergoizdat, 1962. 156 p. (MIRA 15:12)
(Television in science) (Industrial television)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, K.V.; SHPARBERG, L.A.

Feature of television image conversion by different scanning techniques. Radiotekhnika 18 no.8:36-40 Ag '63. (MIRA 16:10)

1. Deystvitel'nyye chleny Nauchno-tekhnicheskogo obshchestva radiotekhniki i elektrosvyazi imeni Popova.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN,L.D., laureat Stalinskoy premii; BESKIN,K.G.; KASNER,Ye.D.

Mechanizing the construction of large bridges. Tekh.zhel.dor.7 no.8:26-28 Ag'48. (MLRA 8:11)

(Bridge construction)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, L. D.

PA 28/49T41

USSR/Engineering Sep 48
Cableways
Construction Equipment

"Transporting Concrete by Cableway in Bridge Building," L. D. Saprykin, Laureate of Stalin Prize, Ye. D. Kasner, Engr, 2 pp

"Mekh Trud i Tyazh Rabot" No 9

System was used successfully at Bridge Section No 2, Min of Means of Communications, for construction of a bridge spanning the Dnepr River near Kiev. Includes sketches of towers, pulley system, and whole assembly.

28/49T41

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, L. D.

32463. Gidromakhanizatsiya kessonnykh rabot. Gidrotekhn. stroit-vo, 1949, No. 10, s. 13-17.

SO: Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1949

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAFRYKIN, L. I.

33398. Primeneniye Inventarnykh Metallicheskikh Kru Zhel V Mostostroyenii. Mekhanizatsiya Trudoyemkikh I Tyazhelykh Rabot, 1949, No. 10, c. 16-18.

SO. Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, L.D., inzhener; SAPUNENKO, K.I., inzhener.

Constructing tunnels with precast reinforced concrete linings. Transp. stroi. 7 no.3:13-16 Mr '57. (MLRA 10:6)
(Tunneling) (Precast concrete)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, L.D.; KUBKIN, S.G.

Using mechanized shields in sinking tunnels. Mekh. trud. rab. 11 no.4:12-14 Ap '57. (MLRA 10:6)
(Tunneling)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, L. D., inzh., laureat Stalinskoy premii

Kiev subway. Nauka i zhyttia 8 no.4:14-18 Ap '58. (MIRA 13:5)

1. Nachal'nik Kiyevskogo metrostroitel'stva.
(Kiev--Subways)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, L.D., inzh.

Building an underground hall by means of sinking it from the surface. Shakht.stroi. no.9:20-23 S '59. (MIRA 12:12)

1. Nachal'nik Kiyevmetrostroya.
(Kiev--Subways) (Precast concrete construction)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, L.D.; SAPUNENKO, K.I., inzh.

The third subway in the U.S.S.R. Transp. stroi. 10 no.11:4-7 N '60. (MIRA 13:11)

1. Nachal'nik Kiyevmetrostroya, chlen-korrespondent Akademii stroitel'stva i arkhitektury USSR (for Saprykin). 2. Nachal'nik tekhnicheskogo otdela Kiyevmetrostroya (for Sapunenko).
(Kiev--Subways)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, L.D.; ORALOV, L.N.

Lowering underground structures in a ring of ice and soil.
Prom. stroi. 39 no.5:22-26 '61. (MIRA 14:7)
(Kiev--Subways) (Underground construction)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, L.D.

First underground pedestrian crossing in Kiev. Transp. stroi. 12 no.6:24-26 Je '62. (MIRA 15:6)

1. Nachal'nik Gosudarstvennogo stroitel'nogo upravleniya Kiyevskogo metropolitena.

(Kiev--Underpasses)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, L.D.

Experience in the construction of the subway station from precast reinforced concrete. Trans. stroi. 13 no.8:28-31 Ag '63. (MIRA 17:2)

1. Nachal'nik Stroitel'stva Kiyevskogo metropolitena, chlen-korrespondent Akademii stroitel'stva i arkhitektury UkrSSR.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, L.D., laureat Gosudarstvennoy premii

New section of the subway in Kiev. Transp. stroi. 14 no.2: 19-20 F '64. (MIRA 17:4)

1. Nachal'nik Upravleniya stroitel'stva Kiyevskogo metropolitena.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, L.D.; ORALOV, L.N., inzh.; POPRAVKO, V.I., inzh.

Construction of a subterranean underpass by the graphic work schedule method. Transp. stroi. 15 no.9:17-20 S '65.
(MIRA 18:11)

1. Nachal'nik Upravleniya stroitel'stva Kiyevskogo metropolitena (for Saprykin).

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

PHASE I BOOK EXPLOITATION SOV/5417

Bezpalyy, Vladimir Illarionovich, Ivan Yakovlevich Byaler, Nikolay Georgiyevich Karsnitskiy, and Leonid Dmitriyevich Saprykin

Sbornyy zhelezobeton v podzemnom stroitel'stve (Precast Reinforced Concrete in Underground Construction) Kiyev, Gosstroyizdat USSR, 1961. 248 p. 3,500 copies printed.

Ed.: I. Reznichenko; Tech. Ed.: Ye. Zelenkova.

PURPOSE: This book is intended for builders and designers of underground structures. It may also be used by students taking courses in construction, transportation, or hydraulic engineering.

COVERAGE: Soviet and non-Soviet experience gained in designing and building underground structures is presented in a generalized form, and methods for determining stress states in rock and calculations of reinforcements for different types of excavations are discussed. Considerable attention is given to constructional problems of precast ferroconcrete tunnel linings and shaft casings. Included are

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

problems dealing with the manufacture of structures, and the organization and mechanization of tunneling and excavating. Chs. V, VIII, and part of I were written by V. I. Bezpalyy; the Foreword and Chs. I, II, IX, and XI, by I. Ya. Byaler; Chs. III, IV, X, and part of II, by N. G. Karsnitskiy; and Chs. VI and VII, by L. D. Saprykin. No personalities are mentioned. There are 86 references, all Soviet.

TABLE OF CONTENTS:

Foreword 3

Introduction 4

PART I. CALCULATION OF SUPPORTING STRUCTURES OF UNDERGROUND CONSTRUCTIONS

Ch. I. Determining Stresses in the Rock Surrounding Excavations 7
Stresses in virgin rock massif 8
Stresses in rock around a horizontal excavation of circular

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

CHELNOKOV, I.I., dr. tekhn. nauk, prof.; VISHNYAKOV, B.I., kand. tekhn. nauk; VARAVA, V.I., kand. tekhn. nauk; GARBUZOV, V.M., inzh.; SAPRYKIN, L.I., inzh.

Test bench for the vibration dampers of railroad vehicles. Sbor. trud. LIIZHT no.215:160-170 '64. (MIRA 17:12)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, N.

PA 236T23

USSR/Electronics - Radiofication Jun 52
Wired Radio Centers

"Supplying the VTU-20 Wired Radio Center From the AC Line," N. Saprykin

"Radio" No 6, pp 16-18

The VTU-20, which is installed in many kolkhozes, is designed for battery supply. Some of these kolkhozes now have electric power stations which, however, do not operate full time. Describes a method for supplying the VTU-20 from the ac line with provision for automatically switching it to battery supply when the power plant shuts down.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

ACCESSION NR: AP3000247 S/0119/63/000/005/0015/0017

AUTHOR: Katsnel'son, O. G.; Sapry*kin, N. A.

TITLE: Method of electromagnetic restoring force used for automatic monitoring the concentration of aggressive liquids

SOURCE: Priborostroyeniye

TOPIC TAGS: concentration meter, automatic concentration measurement

ABSTRACT: The essence of the method lies in the fact that the force being measured can be automatically compensated by a solenoid pull; then the solenoid current can serve as a measure of the force; the zone of constant pull of the solenoid is used. A new device for measuring concentration by the liquid density with an automatic correction for temperature is described. Density is measured by the force ejecting a submerged float; the ejecting force is balanced by the solenoid pull. The temperature is compensated by a resistance thermometer immersed in the liquid. A block diagram (Enclosure 1, Fig. 1), construction, a hookup for calibrating the concentration meter, and three experimental diagrams illustrating the meter operation are given in the article. The meter characteristics are: rate of flow 20 liters per hr (of tetrachloralkane), temperature range 15-35C, "range of density measurement 0.018 gr/cm sup 3" [?? Abstracter], absolute error 0.00045 gr/cm

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

ACCESSION NR: AP3000247

sup 3, reading delay 50-60 sec. Orig. art. has: 6 figures.

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 14Jun63 ENCL: 01

SUB CODE: IE, CH NO REF SOV: 002 OTHER: 000

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APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

KATSNEL'SON, O.G.; SAPRYKIN, N.A.

Using the method of electromagnetic compensation of forces for automatic control of the concentration of corrosive liquids. Priborostroenie no.5:15-17 My '63. (MIRA 16:8)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

AID P - 4977

Subject : USSR/Aeronautics - training

Card 1/1 Pub. 135 - 5/26

Authors : Saprykin, N. D., Lt. Col., Pilot Class I, and N. I. Filimonov, Guards Lt. Col., Pilot Class II

Title : Ground-controlled approach for landing of a fighter

Periodical : Vest. vozd. flota, 9, 21-25, S 1956

Abstract : The authors suggests some methods of ground-controlled approach for landing, which permit the fighter to avoid the premature coming out of overcast at a too far distance from the homing station, particularly on airfields not equipped with instrument landing systems.

Institution : None

Submitted : No date

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, P.G.

Psychological institutions and the training of psychologists in the German Democratic Republic. Vop.psikhol.3 no.1:165-171 Ja-F '57. (MIRA 10:3)

(Germany, East--Psychology--Study and teaching)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, V.D.

NEBOL'SIN, I.S., kand. tekhn. nauk; DANILEVSKIY, A.S., inzh.; SAPRYKIN, V.A., nauchnyy red.; BEGAK, B.A., red. izd-va; UDOD, V.Ya., red. izd-va; TOKER, A.M., tekhn. red.

[Present-day engineering in industrial and civil construction] Sovremennaia tekhnika v promyshlennom i grazhdanskom stroitel'stve. Izd.2., perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit., 1958. 289 p. (MIRA 11:7)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Saprykin).

(Construction industry)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

KREYNDLIN, A.N.; SAPRYKIN, V.A.; ZIL'BERMAN, R.I., inzh.; MELIK-PARSADANOVA, A.I., inzh.; MOLCHANOVA, O.I., inzh.; NIKONOV, M.A., inzh.; FROLOV, D.G., inzh.; TSYURUPA, A.L., inzh.; NOVITCHENKO, K.M., inzh., red.

[Album-catalog of designs of units, shops, and construction yards for making large brick blocks] Al'bom-katalog proektov ustanovok, tsekhov i poligonov po izgotovleniiu krupnykh kirpichnykh blokov. Moskva, Gosstroiizdat, 1960. 35 p. (MIRA 13:4)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. 2. Glavnyy inzh. Proyektno-konstruktorskoy kontory "Industroyproyekt" (for Kreyndlin). 3. Zamestitel' direktora po nauchnoy chasti Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu; deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Saprykin). (Building blocks)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

LIPOVETSKIY, M.A., kand. tekhn. nauk; SAPRYKIN, V.A., red.; KLIMOVA, G.D., red.izd-va; RUDAKOVA, N.I., tekhn. red.

[Instructions on the technology of transporting and dispencing concrete mixes by concrete pumps and pneumatic placer machines] Ukazaniia po tekhnologii transportirovaniia i raspredeleniia betonnoi smesi betononasosami i pnevmonagnetateliami. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 143 p. (MIRA 15:3)

1. Akademiya stroitel'stva i arkhitektury SSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. (Concrete--Transportation)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

TSAL'KOVICH, I.M., dots.; BARON, F.Ya., kand. tekhn. nauk;
SAPRYKIN, V.A., red.; GORDEYEV, P.A., red.izd-va;
KASIMOV, D.Ya., tekhn. red.

[Organizing and carrying out construction of the underground part of large-panel buildings in the building development of residential areas] Organizatsiia i proizvodstvo rabot po vozvedeniiu podzemnoi chasti krupnopanel'nykh zdanii pri zastroike zhilykh massivov. Pod red. V.A.Saprykina. Moskva, Gosstroiizdat, 1962. 179 p. (MIRA 16:5)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury (for Saprykin).
(Precast concrete construction)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

TSAL'KOVICH, I.M., dots.; BARON, F.Ya., kand. tekhn. nauk; SAPRYKIN, V.A., red.; SHIROKOVA, G.M., red.; BOROVNEV, N.K., tekhn. red.

[Organization and work production during the initial stages of building apartment houses] Organizatsiia i proizvodstvo rabot podgotovitel'nogo perioda stroitel'stva zhilykh massivov. Pod red. V.A.Saprykina. Moskva, Gosstroiizdat, 1963. 211 p. (MIRA 16:7)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Saprykin).

(Apartment houses)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

L 45214-65 EWT(m)/T/EWP(b)/EWP(t) JD

ACCESSION NR: AP5009150 S/0166/65/000/001/0076/0080

15
12
B

AUTHOR: Saprykin, V. D.

TITLE: Low voltage electric discharge in electrolytes

SOURCE: AN UzSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, no. 1, 1965, 76-80

TOPIC TAGS: electrolyte, low voltage discharge, cathode heating, spectral analysis

ABSTRACT: To explain the causes of heating of the cathode when dropped in an electrolytic bath connected to a high-voltage dc source, a fact well known and used for heat treatment of metals, the author investigated the spectral composition of the glow produced by the cathode. By varying the voltage and keeping the electrolyte concentration constant, conditions were chosen such that the excited gases producing the glow were emitted over the surface of the electrolyte from the point of contact between the electrolyte and the metal. The glow was focused with a condenser and guided to a spectrograph (ISP-28). The electrolytes investigated were HCl, $MgCl_2$, $MnCl_2$, $CaCl_2$, NaCl, Na_2CO_3, KCl, and K_2CO_3 in water, the cathode

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

was graphite, the initial electrolyte temperature was 30C, the current 3 A, and the area of contact between the cathode and the electrolyte was 0.5 cm^2. Plots were obtained of the dependence of the voltage at which the cathode begins to heat up on the smallest ionization potential of the element participating in the production of the glow, and also of the dependence of this voltage on the viscosity of the electrolyte solvent. The glow spectra disclosed lines corresponding to the cations of the electrolytes. The presence of hydrogen lines in the glow obtained with hydrochloric acid solutions indicates that the hydrogen ions are heated to a sufficient temperature to excite the hydrogen lines at atmospheric pressure. The mechanism of the discharge is discussed in detail and it is concluded that cathode heating can be produced in any electrolyte, but less electricity is consumed in the case of alkali-metal salts. The degree of heating of the cathode is governed by the nature of the cations of the electrolyte and by the chemical composition of the cathode, as well as by the viscosity of the solvent, by the voltage, and by the current density. Orig. art. has: 2 figures and 2 tables.

ASSOCIATION: Fiziko-tekhnicheskiy institut AN UzSSR (Physicotechnical Institute, AN UzSSR)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAFRYKIN, V.D.

Nature of the glow of the anode layer during electrolysis with a removable anode. Elektrokhimiia 1 no.2:234-236 F '65.
(MIRA 18:6)

1. Fiziko-tekhnicheskiy institut Uzbekskoy SSR.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAFRYKIN, V.D.

Case of the formation of an intermediate solution under the effect of electric discharges between an external anode and a concentrated solution of alkali metal salt at ultra-high polarizations. Elektrokhimiia 1 no.9:1157-1161 S '65.
(MIRA 18:10)

1. Fiziko-tekhnicheskiy institut AN UzSSR.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

ALIMOVA, Ye.K., BOLGOVA, G.D., GUBAREV, Ye.M., SAPRYKIN, V.G.

Some properties of brucellar lipids [with summary in English].
Ukr.biokhim.zhur. 30 no.4:506-512 '58 (MIRA 11:9)

1. Kafedra biokhimii Rostovskogo-na-Donu meditsinskogo instituta.
(BRUCELLA)
(LIPIDS)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

L 34879-66 EWT(d)/T/EWP(1) LJP(c) GG/BB

ACC NR: AR6014190 SOURCE CODE: UR/0271/65/000/011/B003/B003

12
B

AUTHOR: Saprykin, V. I.

16

TITLE: Machine algorithm for checking the programs set up in the ALGOS language

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 11B26

REF SOURCE: Vestn. Kiyevsk. politekhn. in-ta. Ser. avtomatiki, elektropriborostr. i radioelektron., no. 1, 1964, 137-145

TOPIC TAGS: computer, computer design, computer program, computer language

ABSTRACT: A method for program checking is suggested, and its application for setting up a machine algorithm for checking the programs set up in the ALGOS language is demonstrated. Essentially, a redundant information in the form of several check numbers is introduced into the program. The check numbers are placed behind every section of the program. The method is described in detail, and a block diagram of the algorithm is presented. Yu. U. [Translation of abstract]

SUB CODE: 09

Card 1/1

UDC:681.142.81:681.142.82

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

TITKOVA, E.N.; SHESTAKOV, L. Ya.; VINOKUROV, A.I.; SAPRYKIN, V.I.; LEBEDEV, I.M.

Intensification of the performance of flotation machinery in the dressing shops of the "Fosforit" Combine. Khim. prom. 41 no. 12:926-928 D '65. (MIRA 19:1)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, V. I. (El'brus Mine)

"The need for Mekhanobr to participate in the work on the utilisation of Suriysk deposit ores and accelerate their work in other fields"

report presented at the 4th Scientific and Technical Session of the Mekhanobr Inst, Leningrad, 15-18 July 1958

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

L 23307-65 EWT(d)/T Ph-4 IJP(c)

ACCESSION NR: AR5002284 S/0044/64/000/010/V050/V050

SOURCE: Ref. zh. Matematika, Abs. 10V361

B

AUTHOR: Kulik, V. T.; Saprykin, V. I.

TITLE: The use of the ALGOS language for describing arithmetic algorithms 16

CITED SOURCE: Tr. Kiyevsk. politekhn. in-ta, v. 42, 1963, 104-113

TOPIC TAGS: ALGOS computer language, ALGOL, arithmetic algorithm, algebraic formula algorithm, algorithm transcription

TRANSLATION: The algorithmic language ALGOS (the language of algorithmic description of systems) suggested by V. T. Kulik, has been developed for describing the algorithms of complex directional systems. Using as partial example a specific arithmetic algorithm typifying directional problems for numerical directional machines (calculation of output values of an object for a given sequence of input values), it is shown that ALGOS may be efficiently applied also for

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L 23307-65

ACCESSION NR: AR5002284

describing "arithmetic" algorithms related to calculations based on algebraic formulas. Transcription of the algorithms into the best-known algorithmic languages is presented (FORTRAN, UNICOD, ALGOL-60), as well as into the address language and into ALGOS. The ALGOS language used for the arithmetic operators resembles the ALGOL language and is a universal language. ALGOS is well suited to input into TSVM with various input structures. Experiments with programs in ALGOS were conducted on the TSVM "Minsk-1" for which a corresponding translator exists. E. Gluzberg

SUB CODE: DP ENCL: 00

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, V.K., veterinarnyy vrach (Cherkasskiy rayon, Saratovskaya oblast')

Use of horses' gastric juice. Veterinariia 36 no.10:46 O '59. (MIRA 13:1)
(Gastric juice--Therapeutic use) (Horses)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

ANDRYUSHCHENKO, Yu.S., BAGIN, Yu.I., BASHKIRTSEV, A.A., BELEN'KOV, G.Ye., BELINICHER, I.Sh., BUSHUYEV, N.M., VAGANOV, A.K., GASHEV, A.M., YES'KOV, K.A., ZGIRSKIY, Ch.I., IGNAT'YEV, M.I., KORUSHKIN, Ye.N., KUZ'MOV, N.T., PATSKEVICH, I.P., PICHAK, F.I., RAYTSES, V.B., RUDAKOV, A.S., SAPRYKIN, V.M., SIDOROV, F.F., UMINSKIY, Ye.A., KHANZHIN, P.K., CHEREMOVSKIY, Yu.I., BUSHUYEV, N.M., kand.tekhn. nauk, red.; DUGINA, N.A., tekhn.red.

[Manual for agricultural machinery operators] Pt. 3. Stationary internal combustion engines, steam engines and windmills. Rural electrification. Mechanization of production in animal husbandry. Spravochnik mekhanizatora sel'skogo khoziaistva. Pt. 3. Statsionarnye dvigateli vnutrennego sgoraniia, lokomobili i vetrodvigateli. Elektrifikatsia sel'skogo khoziaistva. Mekhanizatsiia proizvodstvennykh protsessov v zhivotnovodstve. Pod red. N.M. Bushueva. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry. 1957. 200 p. (MIRA 11:8)

(Agricultural machinery)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

ANDRYUSHCHENKO, Yu.S.; BAGIN, Yu.I.; BASHKIRTSEV, A.A.; BELEN'KOV, G.Ye.; BELINICHER, I.Sh.; BUSHUYEV, N.M.; VAGANOV, A.K.; GASHEV, A.M.; YES'KOV, K.A.; ZGIRSKIY, Ch.I.; IGANT'YEV, M.I.; KOKUSHKIN, Ye.N.; KUZ'MOV, N.T.; PATSKEVICH, I.R.; PICHAK, F.I.; PAYTSES, V.B.; RUDAKOV, A.S.; SAPRYKIN, V.M.; SIDOROV, F.F.; UMINSKIY, Ye.A.; KHANZHIN, P.K.; CHERNOVSKIY, Yu.I.; YERAKHTIN, D.D., kand. tekhn. nauk, retsenzent; MAKAROV, M.P., inzh., retsenzent; TORBEYEV, Z.S., kand. tekhn. nauk, retsenzent; POLKANOV, I.P., kand. tekhn. nauk, retsenzent; IGNAT'YEV, M.G., agronom, retsenzent; GUTMAN, I.M., inzh., retsenzent; YERMAKOV, N.P., tekhn. red.; SARAFANNIKOVA, G.A., tekhn. red.

[Reference manual for the agricultural machine operator] Spravochnik mekhanizatora sel'skogo khoziaistva. Pt.2. [Repair of tractors and agricultural machinery] Remont traktorov i sel'skokhoziaistvennykh mashin. Pod red. N.M. Bushueva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. 1957. 335 p. (MIRA 11:9)
(Agricultural machinery--Maintenance and repair)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, V.M.

ANDRIUSHCHENKO, Yu.S.; BAGIN, Yu.I.; BASHKIRTSEV, A.A.; BELEN'KOV, G.Ye.; BELINICHER, I.Sh.; BUSHUYEV, N.M.; VAGANOV, A.K.; GASHEV, A.M.; YES'KOV, K.A.; ZGIRSKIY, Ch.I.; IGNAT'YEV, M.I.; KORUSHKIN, Ye.N.; KUZ'MOV, N.T.; PATSKEVICH, I.R.; PICHAK, F.I.; RAYTSES, V.B.; RUDAKOV, A.S.; SAPRYKIN, V.M., SIDOROV, F.F.; UMINSKIY, Ye.A.; KHANZHIN, P.K.; CHERKASOVSKIY, Yu.I.; YERAKHTIN, D.D., kand.tekhn.nauk; retsenzent; MAKAROV, M.P., inzh.,retsenzent; TORBEYEV, Z.S., kand. tekhn.nauk, retsenzent; POLKANOV, I.P., kand.tekhn.nauk, retsenzent; IGNAT'YEV, M.G., agronom, retsenzent; GUTMAN, I.M., inzhener, retsenzent; SARAFANNIKOVA, G.A., tekhn.red.; YERMAKOV, N.P., tekhn.red.

[Manual for agricultural mechanizers] Spravochnik mekhanizatora sel'skogo khoziaistva. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry. Pt.1. [Tractors and automobiles, agricultural machinery and implements, and operation of machine and tractor yards] Traktory i avtomobili, sel'skokhoziaistvennye mashiny i orudiia, ekspluatatsiia mashinno-traktornogo parka. Pod. red.N.M.Bushueva. 1957. 462 p. (MIRA 10:12)

(Machine-tractor stations)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, V.M.

Work in a technical study room. Politekh.obuch. no.6:81-85 Je '59. (MIRA 12:12)

1. Sverdlovskiy institut usovershenstvovaniya uchiteley.
(Technical education)
(Sverdlovsk--Teachers, Training of)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

ACC NR: AP7000363 (A) SOURCE CODE: UR/0413/66/000/022/0135/0136

INVENTOR: Gitlin, N. N.; Saprykin, V. M.; Popov. L. N.

ORG: none

TITLE: Fuel pump for injecting light fuel. Class 46, No. 188798. (announced by the Central Scientific Research Institute of Fuel Equipment [Tsentral'nyy nauchno-issledovatel'skiy institut toplivnoy apparatury])

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 22, 1966, 135-136

TOPIC TAGS: pump, fluid pump, engine fuel pump, FUEL INJECTION

ABSTRACT: An Author Certifcate has been issued for a fuel pump for injecting light fuel into the cylinders of an internal-combustion engine, which contains plungers, sleeves, and spring-loaded intake valves, the closing moment of which is changed by a moving element with oblique parts for regulating the amount of fuel supplied. To increase fuel-feed accuracy and simplify the design, the intake valves are located inside the pistons, and the moving element is made in form of a rack passing through the sleeves and plungers. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 11Sep63

Card 1/1 UDC: 621.43.031

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, Viktor Maksimovich; KATKOVA, N., red.; PAL'MINA, N., tekhn. red.

[If one is interested in pursuing a profession....] Esli khochesh imet' professiiu.... Sverdlovsk, Sverdlovskoe knizhnoe izd-vo, 1962. 143 p. (MIRA 16:5)
(Electric engineering)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, V.M., inzh.

Methods for making holes in metal components of overhead power transmitting line structures. Energ. strci. no. 4: 82-83 '65. (MIRA 18:12)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

TATOMIR, K.I.; FUNT, Ye.A.; BLOSHENKO, I.K.; ANDRUSHKO, V.F.; SAPRYKIN, V.N.

Cost of maintaining haulage drifts depending on the mining depth. Sbor. trud. Inst. gor. dela AN URSR no.13:138-143 '63
(MIRA 17:7)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

KOSENKO, P.Ye.; SAPRYKIN, V.P.; SARANDACHEV, V.I.; GARANCHUK, V.A.

Steel, injector-type burners, with protective coatings. Metallurg 10 no.12:37 D '65. (MIRA 18:12)

1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

L 00682-67 EWT(1)

ACC NR: AP6005306 SOURCE CODE: UR/0413/66/000/001/0040/0041

AUTHORS: Saprykin, V. S.; Baranov, Yu. V.; Belyakov, A. S.; Leont'yev, M. Ya.; Polyakov, V. V.; Potnevskiy, A. M.; Morozkin, B. S. 30 B

ORG: none

TITLE: A coaxial switch. 15 Class 21, No. 177478

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1966, 40-41

TOPIC TAGS: electronic switch, coaxial cable

ABSTRACT: This Author Certificate presents a coaxial switch fitted with connectors mounted in the front part of the switch casing. These connectors are used for connecting the coaxial lines which are switched. The switch also contains an element connected with the switching mechanism and with the catches of the switch operating positions. The design increases the quality of the connecting contacts. An ungrounded section of a nonsymmetrical strip line is used as the switching element. This ungrounded section rests on the contact disks connected with the central pin of the connectors. The switching mechanism is fitted with a ring containing a spring-loaded rod which rests on one of the small balls of the catch. A bushing is mounted on the rod and is rigidly connected to the dielectric holder of the switching mechanism (see Fig. 1). A second spring-loaded small ball of the catch is mounted

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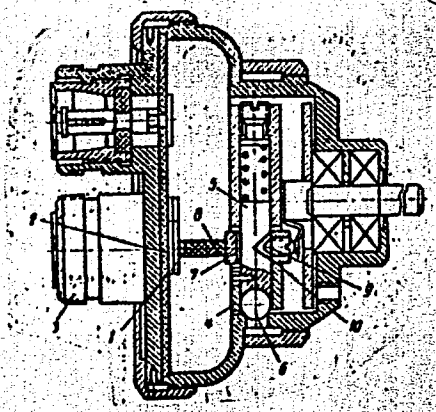
"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

L 00682-67

ACC NR: AP6005306

Fig. 1. 1 - ungrounded section of a nonsymmetrical strip line; 2 - contact disks; 3 - connector; 4 - ring; 5 - spring-loaded rod; 6 - small ball of the catch; 7 - bushing; 8 - dielectric holder; 9 - spring-loaded small ball; 10 - triangular groove



in the radial channel of the ring. This ball enters in the triangular groove located on the lateral surface of the rod. Orig. art. has: 1 figure.

SUB CODE: 09/ SUBM DATE: 16Sep64

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APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

REPIN, N.Ya., dotsent, kand. tekhn. nauk; FAZALOV, G.T., gornyy inzh.; SAPRYKIN, Ye.F., gornyy inzh.

Experience in the use of BSSh-1m roller bits in open pit mines of the southern Kuznetsk Basin. Ugol' 40 no.8:37-39 Ag '65. (MIRA 18:8)

1. Kemerovskiy gornyy institut (for Repin). 2. Krasnogorskiy ugol'nyy kar'yer (for Fazalov, Saprykin).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, Ye.P.

Zonal development of mineralization in the Silinskoye tin-bearing complex metal deposit. Sov.geol. 5 no.4:105-110 Ap '62. (MIRA 15:4)

1. Primorskoye geologicheskoye upravleniye.
(Tetyukhe Valley—Ore deposits)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKIN, Ye.P.

Effect of structural factors on mineralization zoning in the tin ore deposits of the Kavalerovo region. Geol. i geofiz. no.3:169-172 '65. (MIRA 18:6)

1. Dal'nevostochnyy geologicheskiy institut Sibirskogo otdeleniya AN SSSR, Vladivostok.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

MELIK-TANGIYEV, Z.I.; YAKIMISHIN, G.S.; LEBEDEV, B.F.; KHOLOLEYEV, A.M.; SAPRYKIN, Yu.I.

E Electric welding of span structures for oil field piers. Avtom. svar. 17 no.8:73-78 Ag '64. (MIRA 17:11)

1. Trest "Azmorneftestroy" (for Melik-Tangiyev). 2. Institut elektrosvarki im. Ye.O. Patona AN UkrSSR (for all except Melik-Tangiyev).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

S/076/62/036/010/004/005
B101/B186

AUTHORS: Frolov, A. F., Loginova, M. A., Saprykina, A. V., and Kondakova, A. B.

TITLE: Vapor - liquid equilibrium in the system methacrylic acid - water

PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 10, 1962, 2282-2284

TEXT: The vapor - liquid equilibrium important for the production of pure methacrylic acid (MAA) was studied in an Othmer apparatus, in view of the fact that MAA when synthesized, or when regenerated from waste products, is always obtained in an aqueous solution. In solutions containing up to 10% MAA, the concentration was determined titrimetrically; in concentrated solutions it was determined from the refractive exponent. Either method had an accuracy of ± 0.5 relative %. Pure MAA was obtained by distillation at 5 mm Hg; crystallization was prevented by cooling the dephlegmator with water (30°C), and polymerization was suppressed by adding 0.01 - 0.1% hydroquinone or methylene blue. Data for pure MAA:

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

Vapor - liquid equilibrium in the ...

m. p. 16°C, b. p. 49.5°C/10 mm Hg, d_4^{20} 1.016, n_D^{20} 1.4315. Polymerization could only be eliminated up to an MAA content of 65.9 mole% in the solution. The MAA content in the liquid and in vapor (mole%), the activity coefficients γ of MAA and water, and the coefficient α of the relative volatility (Table), were determined. An azeotropic mixture containing 23.1% by weight of MAA and 76.9% by weight of H_2O (b. p.: 99.3°C/760 mm Hg) was formed in the above system. There are 1 figure and 1 table.

ASSOCIATION: Yaroslavskiy tekhnologicheskiy institut
(Yaroslavl' Technological Institute)

SUBMITTED: March 19, 1962

Table. Legend: (1) Vapor temperature, °C/760 mm Hg; (2) mole% of MAA in the liquid; (3) mole% MAA in vapor; (4) γ of MAA; (5) γ of H_2O; (6) α.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKINA, N. V. Cand. Biolog. Sci.

Dissertation: "Geology and Hydrogeology of the Mikhnevo Rayon, Moscow Oblast, in Connection with Methods of Sanitary-Hydrogeological Investigations." Inst of General And Communal Hygiene, Acad Med Sci USSR, 21 May 47.

SO: Vechernyaya Moskva, May, 1947 (Project #17836)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

AUTHOR: Saprykina, T. V., SOV/7-59-5-9/14

TITLE: On Uranium Distribution in Rocks of the Lovozero Alkaline Massif (O raspredelenii urana v porodakh Lovozerskogo shchelochnogo massiva)

PERIODICAL: Geokhimiya, 1959, Nr 5, pp 463 - 467 (USSR)

ABSTRACT: The author investigated 60 rock samples with respect to the uranium content. The analysis results are given in a table. The average uranium content of the Lovozero massif amounts to 16 g/t. An increase of the uranium content according to a certain rule from the first to the third intrusion phase is observed: first phase - 9.9 g/t, second phase 15.3 g/t, third phase - 19.7 g/t. The lamprophyic monchiquite dikes of the fourth intrusion phase contain a strikingly small quantity of uranium: 2.8 g/t. Nepheline syenites which contain the minerals lovozerite, loparite, eudalyte, have always an increased uranium content. The Lovozero massif contains a uranium quantity four times higher than the rocks of the granite series. There are 1 table and 8 references, 6 of which are Soviet.

Card 1/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

On Uranium Distribution in Rocks of the Lovozero Alkaline Massif

SOV/7-59-5-9/14

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im. V. I. Vernadskogo AN SSSR, Moskva(Institute of Geochemistry and Analytical Chemistry imeni V. I. Vernadskiy AS USSR, Moscow)

SUBMITTED: January 30, 1959

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

DUBININ, N.P.; SAPRYKINA, Ye.G.

Chain reaction accompanying chemical mutagenesis. Dokl. AN SSSR 158 no.4:956-959 O '64. (MIRA 17:11)

1. Institut biologicheskoy fiziki AN SSSR. 2. Chlen-korrespondent AN SSSR (for Dubinin).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKOV, V.

The armaments race brings great profits to U.S. monopolists.
Komm.Vooruzh.Sil 1 no.18:79-82 S '61. (MIRA 14:9)
(United States---Armaments)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKOV, V.N.

Myths and reality; the theory of the second industrial revolution. Nauka i zhizn' 28 no.5:57-63 My '61. (MIRA 14:6)
(Industrial relations)
(Capitalism)
(Communism)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

POPEL', A.A.; SAPRYKOVA, Z.A.

Using the nuclear magnetic relaxation method for the analysis of alloys and electrolytes of electroplating baths. Zav. lab. 31 no.8:957-959 '65. (MIRA 18:9)

1. Kazanskiy gosudarstvennyy universitet imeni Ul'yanova-Lenina.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPRYKOVO, Z. A.

The Second All-Union Conference on the Preparation and Analysis of High-Purity Elements, held on 24-28 December 1963 at Gorky State University im. N. I. Lobachevskiy, was sponsored by the Institute of Chemistry of the Gorky State University, the Physicochemical and Technological Department for Inorganic Materials of the Academy of Sciences USSR, and the Gorky Section of the All-Union Chemical Society im. D. I. Mendeleyev. The opening address was made by Academician N. M. Zhavoronkov. Some 90 papers were presented, among them the following:

A. A. Popel' and Z. A. Saprykovo. Quantitative determination of paramagnetic ions in solution by NMR methods.

I. Ye. Zimakov. Determination of microimpurities (10^{-7} to 10^{-8}%) by repeated radioactive dilution.

A. A. Tumanov and V. S. Yefimychev. Determination of microconcentrations with salicylan-2-aminophenol.

(Zhur Anal Khim, 19 No.6, 1964, p.777-79)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPSA, M.

Installations for regulatin ghe temperature and controlling the combustion in maize drying. p. 114

AUTOMATICA SI ELECTRONICA (Asociatia Stinifica a Inginerilor si techicienilor din Rominia)
Vol. 2, no. 5, Sept/Oct. 1958
Bucuresti, Rumania

Monthly list of European Accession Index (EEAI) LC Vol.. 8, no. 11
November 1959
Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPSA, M.

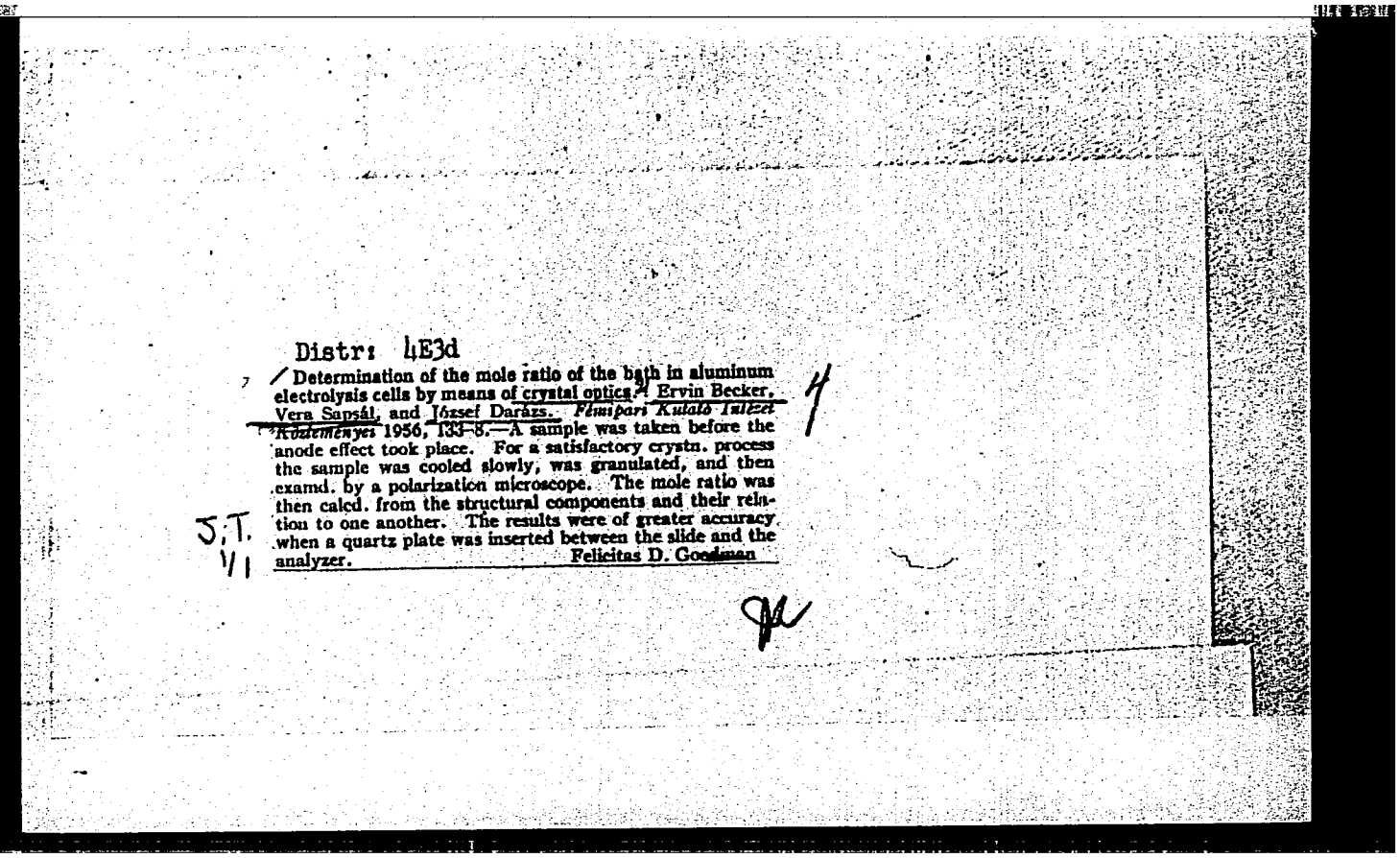
Installations for regulating the temperature and controlling the combustion in maize drying. p. 114.

AUTOMATICA SI ELECTRONICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Rominia)
Bucuresti, Rumania
Vol. 3, no. 3, May/June 1959.

Monthly list of Eastern European Accession Index (EEAI) LC Vol. 8, No. 11
November 1959
Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2



Distr: 4E3d

Determination of the mole ratio of the bath in aluminum electrolysis cells by means of crystal optics. Ervin Becker, Vera Sapsál, and József Darázs. *Fémipari Kutató Intézet Közleményei* 1956, 133–8.—A sample was taken before the anode effect took place. For a satisfactory crystn. process the sample was cooled slowly, was granulated, and then examd. by a polarization microscope. The mole ratio was then calcd. from the structural components and their relation to one another. The results were of greater accuracy when a quartz plate was inserted between the slide and the analyzer.

Felicitas D. Goodman

J.T. 1/1

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APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

~~VERA~~ SAPSAL, VERA

18

Determination of the nitrogen content of aluminum of good conductivity. V. László Zombory and Vera Sapsál. *Vegyipari Kutató Intézet, Közleményei* 1956, 274-8.—A colorimetric examn. of Al of good cond. (with some of its Si and most of its Ti and V removed) has a very low N content of about <0.001%. This content does not affect the cond.

Felicitas D. Goodman

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

KRUK, Z.V. (Kiyev, ul. Gor'kogo, d.39, kv. 18); PUTILOVA, A.A.; VERNIGORA, I.P.; SAPSAY, Ye.I.; SHARGORODSKIY, V.S.

Data on orthopedic traumatic diseases in the rural population of Transcarpathian Province. Ortop., travm. i protez. 24 no.12: 48-52 D '63. (MIRA 17:7)

1. Iz Ukrainskogo instituta ortopedii i travmatologii v Kiyeve (direktor-dotsent I.P. Alekseyenko, nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR prof. F.R. Bogdanov).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPSAYENKO, I.I.

FOKIN, Vladimir Yakovlevich; PERAIK, Vladimir L'vovich; L'VOVA,L.A., redaktor; D'YAKOV,V.G., retsenzent; KARZHEV,V.I., retsenzent; POLUBOYARINOV,G.N., retsenzent; ROZHINSKIY,P.S., retsenzent; SAPSAYENKO,I.I., retsenzent; CHERNYSHEVA,I.G., retsenzent

[Equipment of factories producing synthetic liquid fuel; installation, maintenance, and operation] Oborudovanie zavodov iskusstvennogo zhidkogo topliva; montazh, remont i ekspluatatsiia. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1955. 400 p. (Liquid fuels) (MLRA 9:3)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

MOSHCHINSKAYA, N. K.; SILIN, N. F.; DMITRENKO, Ye. Ye.; LIBERZON, V. A.; LOKSHIN, G. B.; KORCHAGINA, A. M.; Prinimali uchastiye: ZAL'TSMANOVICH, T. A.; MAMEDOV, A. A.; SAPSOVICH, L. V.; SOKOLENKO, V., student; ZEMLYANSKAYA, L., studentka

Preparation of aromatic dicarboxylic acids and their chlorides. Neftekhimia 2 no.4:541-549 Jl-Ag '62. (MIRA 15:10)

1. Dnepropetrovskiy khimiko-tekhnologicheskiy institut imeni F. E. Dzerzhinskogo.

(Acids, Organic) (Chlorides)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

PALI, Kalman; SAPSZKY, Vilmos

Hypophysis and allergy. Magy. noorv. lap. 21 no.4:236-240 Aug 58.

1. Tolna megye Tanacs Balassa Janos Korhaza (Igazgato: Pelikan, Erzsebet dr.) Szuleszeti Osztalyanak kozlemenye.

(ALLERGY, ther.
anterior pituitary implants in women, relation to possible pituitary origin of allergy (Hun))
(PITUITARY GLAND, ANTERIOR, transpl.
implants in ther. of allergy in women, relation to possible pituitary origin of allergy (Hun))

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPSE, A.

Contributions to the study of the electronegativity of some organic radicals. p. 46.

REVISTA DE CHIMIE. Bucuresti, Rumania. Vol. 10, no. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, no. 9, Sept. 1959. Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

L 8381-65 EWT(m)/EWP(j) Pc-4/Pa-4 RM

ACCESSION NR: AP4048786 S/0240/64/000/007/0058/0060

AUTHOR: Sapugol'tsev, N. P.

TITLE: Role of the community in the protection of bodies of water and the atmospheric air

SOURCE: Gigiyena i sanitariya, no. 7, 1964, 58-60

TOPIC TAGS: air pollution, water pollution, industrial waste

Abstract: Industrial plants operating in Nizhniy Tagil were releasing waste waters containing phenol (e.g., the "Plastmass" Plastics Plant, the Coking Plant of the Nizhniy Tagil Metallurgical Combine imeni V. I. Lenin). Other plants were contaminating the air with cement dust, smoke, etc. As a result of local initiative taken by organizations such as the Committee for the Protection of Nature at the "Plastmass" Plant and the personnel at other plants, measures were taken to prevent contamination of the air and water. The nature of the measures taken at individual plants is described.

Card 1/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

L 8381-65
ACCESSION NR: AP4048786

ASSOCIATION: none

SUBMITTED: 02Jul63 ENCL: 00 SUB CODE: GO

NO REF SOV: 000 OTHER: 00 JPRS

Card
2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

RAZUVAYEV, Aleksandr Aleksandrovich; SAPUKHIN, Aleksandr Aleksandrovich; GREBTSOV, P.P., redaktor; SOKOLOVA, N.N., tekhnicheskiy redaktor

[The power of an example] Sila primera. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 110 p. (MLRA 10:3)

1. Sekretar' Ramenskogo gorkoma Kommunisticheskoy partii Sovetskogo Soyuza (for Razuvayev). 2. Sekretar' Kiyevo-Svyatoshinskogo Raykoma Kommunisticheskoy partii Ukrainy (for Sapukhin)
(Collective farms)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPSE, A.M.

Relations between the vibration frequence of the CN group and electronegativity. Rev chimie Min petr 12 no.7:419 Jl '61.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPUKHIN, P.A.

Work practice in toponymics. Geog. v shkole 18 no.6:50-51 N-D '55.
(Names, Geographical)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPULAK, B.

Some problems of assembling secondary circuits in building electric-power plants. Pt.1. (To be contd.) p.250.
(ENERGETYKA. Vol. 10, no. 5, Sept./Oct. 1956 . Stalinogrcd)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPULAK, B.

Some problems of assembling secondary circuits in building electric-power plants. Pt. 2. p. 315.
(ENERGETYKA. Vol. 10, no. 6, Nov./Dec. 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPUN, G.; GOLUBEVA, N.

"Unified standards of production and evaluation in the winning of milled peat and in field repairing." Reviewed by G.Sapun, N.Golubeva. Torf.prom. 40 no.1:37 '63. (MIRA 16:5)
(Peat industry--Production standards)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPUN, G.A., inzh.

Transformer circuit for setting up protection of asynchronous motors from excess currents. Izv.vys.ucheb.zav.; energ. 3 no.5:60-64 My '60. (MIRA 13:6)

1. Belorusskiy institut mekhanizatsii sel'skogo khozyaystva. Predstavlena kafedroy teoreticheskoy i obshchey elektrotekhniki. (Electric transformers) (Electric protection)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPUN, G.P., inzh.; GOLUBEVA, N.V.

Possibilities of increasing the operating efficiency of peat machines. Torf. prom. 39 no.8:3-4 '62. (MIRA 16:1)

1. Gosudarstvennyy institut po proyektirovaniyu predpriyatiy torfyanoy promyshlennosti Vserossiyskogo soveta narodnogo khozyaystva.

(Peat industry)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPUN, Mikhail Petrovich.

[Using fertilizers in vegetable gardening] Primenenie udobrenii pod ovoshchnye kul'tury. Minsk, Gos.izd-vo BSSR, 1957. 141 p. (MIRA 10:12)

(Fertilizers and manures) (Vegetable gardening)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPUN, Yu.S., aspirant

Change in blood coagulation factors in Botkin's disease. Zdrav. Bel. 7 no.8:21-26 Ag '61. (MIRA 15:2)

1. Kafedra propedevtiki vnutrennikh bolezney (zav. - prof. I.D. Mishenin) i kafedra obshchey khimii (zav. - dotsent V.A.Bandarin) Minskogo meditsinskogo instituta.
(BLOOD COAGULATION) (HEPATITIS, INFECTIOUS)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2

SAPLUNAR, K.

Stepwise hydrogenation of furfurylidene ketones. New homologs of 1,6-dioxaspiro[4,4]nonane. A. A. Ponomarev, Z. V. Il'ina, and A. Sapunar. *Doklady Akad. Nauk S.S.S.R.* 93, [illegible] (1953).—Condensation of furfural with [illegible] ketones yielded 60–80% of the following ketones: R — CH:CH.CO.CH:CH.R (*RCOEt*, b$_{10}$ 110–20°, n^{25}D [illegible]; *RCOBu*, b$_{11}$ 130–[illegible], n^{25}D 1.5592; *RCOAm*, b$_{14}$ 146–7°, m. 43–4°; *RCO*([illegible]), b$_{11}$ 155.5–6.0°, n^{25}D 1.5370; *RCOPh*, b$_{11}$ 167°, m. 59°, and *RCOCH:CHPh*, [illegible]). Hydrogenation of these in abs. EtOH over [illegible] gave 60–78% of the corresponding [illegible] which under the same conditions over Ni [illegible] to tetrahydrofuran als. along with 3.5–13% homologs of 1,6-dioxaspiro(4,4)nonane. The following [illegible]-furfurylidenals: *3-pentanol*, b$_{14}$ 120–3°, n^{25}D 1.4759, d$_4$ 1.0081; *5-hexanol*, b$_{14}$ 134–6°, 1.4720, 0.9831; *5-heptanol*, b$_{13}$ 123–[illegible], 1.4715, 0.9706; *3-octanol*, b$_{14}$ 126–30.5°, 1.4710, [illegible]; *5-methyl-3-octanol*, b$_{11}$ 139–41°, 1.4486, 0.9408; *1-phenyl-3-propanol*, b$_{11}$ 154–56°, 1.5456, 0.9088; *2-methyl-3-phenyl-propanol*, b$_4$ 159–60°, 1.5421, 1.0813; *5-phenyl-3-pentanol*, b$_{14}$ 153–5°, 1.5348, 1.0494. *1-(Tetrahydro-2-furfuryl)-butanols*: *3-pentanol*, b$_{14}$ 132–4°, 1.4621, 0.9717; *5-hexanol*, b$_{14}$ 151–4°, 1.4595, 0.9643; *3-heptanol*, b$_{14}$ 125°, 1.4582, 0.9457; *3-octanol*, b$_{14}$ 181–2.5°, 1.4590, 0.9357; *5-methyl-3-octanol*, b$_{12}$ 187–9°, 1.4582, 0.9291; *1-phenyl-3-propanol*, b$_4$ 175–78°, 1.5534, 1.0699; *5-phenyl-3-pentanol*, b$_4$ 169–70°, 1.5192, 1.0373; *2-methyl-3-phenyl-3-propanol*, b$_4$ 153–60°, 1.5260, 1.0066; *1-(2-Furyl)alkanes*: *3-phenyl-3-propane*, b$_4$ 124–6°, 1.5140, 0.9939; *3-methyl-3-phenylpentane*, b$_4$ 131–2° 1.5050, 0.9708. The following *homologs* of 1,6-dioxaspiro[4,4]nonane were obtained (R in 2-position shown): *Et*, b. 180–2.5°, n^{25}D 1.4464, d$_4$ 0.9803; *Pr*, b$_{14}$ 111–13°, 1.4460, 0.9691; *Bu*, b$_{14}$ 130–33°, 1.4481, [illegible], m. 107.5–8.0°, 1.4495, 0.9410; *isobutyl*, b$_{14}$ 124–5°, 1.4500, 0.9339; *Ph*, b$_{14}$ 113–19°, 1.5242, 1.1054; *3-phenyl-3-methyl*, b$_4$ 128–30°, 1.5172, 1.0505. In the hydrogenation of the ketones of furfurylidene-acetophenone type with Ni in dioxane there also occurs 42–70% elimination of the carbonyl O (products listed in 1st tabulation). The linear structure of the furyl ring is proved by synthesis of the *1-(2-furyl)-3-pentanol* from EtMgBr and 3-(2-furyl)propionaldehyde; the 2 specimens had identical properties; *2,5-dinitrobenzoate*, m. 88.5–9.0°. The 3-heptanol analog was similarly prepd. with BuMgBr. While the 1-(tetrahydrofuryl)-3-butanol gave the CHI$_3$ test, the 3-pentanol, hexanol, and heptanol analogs failed to do so as expected.

G. M. K.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001447130018-2"